

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308930002-6

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CIA-RDP86-00513R000308930002-6"

EXCERPTA MEDICA Sec 2 Vol 12/6 Physiology June 59

2234. UTILIZATION BY THE HUMAN ORGANISM OF PEPTIDES OF BOVINE BLOOD PROTEIN HYDROLYZATE - Raczyńska-Bojanowska K. and Chmielewska I. Lab. of Physiol. Chem., Sch. of Med., Warsaw Lab. of Organ. Chem., Univ. of Warsaw - BULL. ACAD. POL. SCI. CL. 2 1958, 5/i (1-6) Graphs 1 Tables 6

Comparison between the amounts of administered and excreted peptide-bound NH_2 showed that these amounts are more or less the same, depending neither on the amount administered nor on the type of hydrolysate. Administration of neutral and basic fractions of NH_2 of bound amino-acids causes a shift in the electrophoretic pattern of excreted bound amino-acids. These results show that a considerable part of the hydrolysate peptides is metabolized by the human organism.

Renard - Gembloux

CHMIELEWSKA, I.

16th International Congress of Pure and Applied Chemistry. p. 223

POSTĘPY BIOCHEMI. (Polska Akademia Nauk. Komitet Biochemiczny)
Warszawa. Vol. 4, no. 2, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

CHMIELEWSKA, I.

19th Conference of the International Union of Pure and Applied Chemistry. p. 223

POSTEPY BIOCHEMI. (Polska Akademia Nauk. Komitet Biochemiczny)
Warszawa. Vol. 4, no. 2, 1958

Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

CHMIELEWSKA, I., AND OTHERS

Effect of glucose on the biological utilization by human subjects of intravenously injected bovine blood protein hydrolysate. II. p. 419.

ACTA BICHIMICA POLONICA. (Polska Akademia Nauk, Komitet Bichemiczny)
Warszawa, Poland. Vol. 5, no. 4, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959

Uncl.

Chmielewska, Irena

Isomeric methyl ethers of 3-substituted 4-hydroxycoumarins. Jerzy Cieslak, Stanislaw Lewak, and Irena Chmielewska (Univ. Warsaw). *Roczniki Chem.* 33, 340-348 (1959) (English summary). — The perchlorate method (*ibid.* 32, 837 (1958)) was applied to the title compds. to investigate their coumarin-chromone isomerism. In all cases two tautomers were obtained, but only 2-methoxy chromones (I) gave the perchlorates, which could be sepd. owing to their insol. in Et₂O or petr. ether. Molar ratios of perchloric acid to I were 1:2 in these salts. This was checked by prepg. 2-methylchromone perchlorate, (C₁₀H₇O₄), HClO₄, m. 163-5° (petr. ether). The following perchlorates were prepd. (3-substituent and m.p. given): H, 135-6°; Me, 133-5°; Et, 126-7°; Pr, 129-30°; Bu, 125-6°; n-hexyl, 137-8°; PhCHMe, 149-50°; PhCH(CH₂COMe), 133-4°; Ph, 156-7°. The following isomeric pairs were prepd. [3-substituent, % yield, m.p., λ (log ε) of 4-MeO isomer, % yield, m.p., λ (log ε) of 2-MeO isomer given]: H, 72, 125-6°, —(—), 24, 107-8°, —(—); Me, 58, 42-3°, 272(3.99) [282(3.97), 310(3.85)], 36, 76-7°, 295(4.10); Et, 58, 52-3°, 272(4.05) [282(4.03), 310(3.90)], 38, 83-4°, 295(4.04); Pr, 38, 49-50°, 272(4.06) [282(4.03), 310(3.90)], 60, 74-5°, 272(4.05) [282(4.03), 310(3.90)]; Bu, 53, 19-20°, 272(4.10) [282(4.08), 310(3.90)], 45, 42-3°, 295(4.03); n-hexyl, 65, 8-9°, 272(4.10) [282(4.08), 310(3.90)], 32, 28-9°, 272(4.10) [282(4.08), 310(3.90)]; PhCHMe, 76, 107-8°, 272(4.11) [280(4.11), 310(3.98)], 23, 108-7°, 295(4.00); PhCH(CH₂COMe), 80, 125-6°, 272(4.10) [290(4.12), 310(4.07)], 18, 78-9°, 295(4.02); Ph, 89, 112-13°, 282(4.09) [310(4.07)], 9, 108-9°, 295-3.98).
Czesław Rankiewicz

Card 1/1

aht

CHMIELEWSKA, I.; CIESLAK, J.; LEWAK, S.;

Isomeric methyl ethers of 3-substituted 4-hydroxycoumarins. p. 349.

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 9, September 1959.

CEMIŃSKA, Irena

2-methylquinones - coenzymes in electron transfer and energy storage processes. Postępy biochem. 6 no.2:127-143 '60.

(QUINONES)

(TISSUE METABOLISM)

CHMIELEWSKA, I.; TOCZKO, K.; KANIUGA, Z.; MANICKI, J.

Utilization by the human organism of individual components of intravenously administered protein hydrolysates. III. Urinary components interfering with the determination of amino nitrogen. Acta biochim.polon. 7 no.2/3:429-435 '60.

1. Katedra Biochemii Uniwersytetu, Warszawa, i II Klinika
Chirurgiczna Akademii Medycznej, Warszawa
(PROTEIN HYDROLYSATES metab)
(NITROGEN urine)

JACHYMCIK, W.; CHMIELEWSKA, I.

Isomeric methyl ethers of 3-substituted derivatives of 6-methyl-
2H-pyran-2:4- — (3H)-dione. Bul chim PAN 8 no.4:155-160
'60. (KEAI 10:9/10)

1. Department of Biochemistry, University, Warsaw. Presented by
T. Urbanski.

(Methyl ether) (Pyran) (Dionine)

CIESLAK, Jerzy; LEWAK, Stanislaw; CHMIELEWSKA, Irena

Tautomerism of 2H-pyran-2:4-(3H)-diones. Isomeric methyl ethers of 6-ethyl-2H-pyran-(3H)-dione and 3:3-methylenebis-[6-ethyl-2H-pyran-2:4-(3H)-dione]. Roczniki chemii 34 no.2:423-430 '60. (EAI 10:1)

1. Katedra Chemii Organicznej i Katedra Biochemii Uniwersytetu,
Warszawa.
(Pyranone)

JACHYMCIK, Witold; CIESLAK, Jerzy; CHMIELEWSKA, Irena

Tautomerism of dicoumarol. Three isomeric methyl-ethyl ethers of dicoumarol. Roczniki chemii 34 no.3/4:925-930 '60. (EKAI 10:3)

1. Katedra Biochemii Uniwersytetu, Warszawa
(Ethyl methyl ether) (Methylenebishydroxycoumarin)

CHMIELEWSKA, Irena

Free and bound amino acids in urine. Postepy biochem 7 no.1:101-121
'61.

(AMINO ACIDS urine)

CHMIELEWSKA, I.; TOCZKO, K.; KANIUGA, Z.; SZUMIEL, I.

Utilization by the human organism of intravenously administered protein hydrolysates. IV. Urinary excretion of amino acids with blocked amino groups. Acta physiol pol 12 no.4:549-558 '61.

1. Z Katedry Biochemii Uniwersytetu Warszawskiego w Warszawie

Kierownik: prof. dr I. Chmielewska.

(PROTEIN HYDROLYSATES metab)

(AMINO ACIDS urine)

CHMIELEWSKA, I.

The 5th International Congress of Biochemistry. Przem chem 41 no.1:48-
49 Ja '62.

CHMIELEWSKA, Irena

Wiktor Lampe, 1875-1962. Nauka polska 10 no.6:173-174 N-D
'62.

1. Uniwersytet, Warszawa.

TOCZKO, Kazimierz; CHMIELEWSKA, Irena

Utilization by the human organism of components of intravenous
protein hydrolysates. Acta physiol. polon. 13 no.4:489-499 '62.

1. Z Katedry Biochemii UW w Warszawie Kierownik: prof. dr. I. Chmielewski
(PROTEIN HYDROLYSATES) (PLASMA SUBSTITUTES)
(INFUSIONS PARENTERAL)

CHMIELEWSKA, I.

In the Institute of Electric Power Engineering. Przegl
techn 84 no. 36:5,8 8 S '63.

CHMIELEWSKA, I.

Scientists about the state of automation in industry. Przegl
techn 84 no.42:3 20 0 '63.

CHMIELEWSKA, I.

From the petroleum from the vicinity of the Volga River to
plastics. Przegl techn 84 no.44:5 3 N '63.

CHMIELEWSKA, I.

The baby of the Polish drying industry. Przegl techn 84 no.48:8
1 D '63.

GHMIELEWSKA, I.

Optimistic anniversary of the Starachowice Automobile Works.
Przegl techn 84 no.52:4 29 D'63.

CHMIELEWSKA, I.

World career of the innovation shoes. Przegl techn 85
no.9:7 1 Mr'64.

CHMIELEWSKA, Irena; JACHYMCIK, Witold; KANIUGA, Zbigniew; LEMAK, Stanislaw;
PASZEWSKI, Andrzej; ZADROZYNSKA, Ewa

Components of Peonia flowers (Peonia lactiflora Pa 11). Pt.1.
Rocz chemii 36 no.11:1599-1605 '62.

1. Department of Biochemistry, University, Warsaw.

BEDYNSKA, T.; CHMIELEWSKA, J.

Investigation of dislocation density tensor components by the method of the spectrometer with oscillating film. Acta physica Pol 26 no.2:199-210 '64.

1. Institute of Physics of the Polish Academy of Sciences, Warsaw, and University, Warsaw.

ACC NR: AT6031177 SOURCE CODE: UR/2516/65/000/042/0113/0121

AUTHOR: Przedmojski, Jan; Chmielewska, Jolanta

ORG: Department of General Physics "B" (Katedra fizyki ogolney "B")

TITLE: Roentgenographic investigation of barium titanate with impurities of metals and metal oxides

SOURCE: Warsaw. Politechnika, Zeszyty naukowe, no. 117, 1965, Elektryka, no. 42, 113-121

TOPIC TAGS: barium titanate, tungsten impurity, nickel impurity, platinum impurity, bismuth impurity, ferroelectric property, vacuum sintering, solid solution, solid solution formation

ABSTRACT: An attempt has been made to investigate the structure of mixtures of finely powdered BaTiO_3 with dust of metals: tungsten, nickel, platinum, and bismuth, characterized by the decay of ferroelectric properties. The samples were prepared by sintering them in vacuum and then in an oxygen atmosphere at 1300C. To identify different phases, the Debye-Scherrer method was used. Another method, consisting of symmetric focussing of rays bent at great angles, was used for the precise

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ACC NR: AT6031177

measurement of network parameters needed for the formation of solid solutions. It was observed that the addition of tungsten and nickel up to several molar percent is absorbed by the BaTiO_3 network producing the decay of its tetragonality. Platinum and bismuth do not produce solid solutions with BaTiO_3 . It appears that the Curie point can be lowered to room temperature by an appropriate addition of metals to BaTiO_3 . Orig. art. has: 5 figures. [Based on authors' abstract]

SUB CODE: 11/ SUBM DATE: 15Jun64/ SOV REF: 001/ OTH REF: 008/

Card 2/2 *sla*

CWIAKALA, A.;CHMIELEWSKA, M.

Occurrence of Salmonella bacillus in rodents in the city and
region of Kielce. Med. dow. mikrob., Warsz. 4 no. 1:135-146
Jan-Mar 1952. (CML 22:4)

1. Of the National Institute of Hygiene Branch in Kielce.

CWIAKALA, A.; CHMIELEWSKA, M.

~~CONFIDENTIAL~~
Salmonellas in rodents in the Kielce district. Med. dosw. mikrob.,
Warsz. 4 no. 3:318-320 1952. (CLML 23:3)

1. Summary of work progress presented at 11th Congress of Polish
Microbiologists held in Krakow May 1951. 2. Kielce.

CHMIELEWSKA M.

Algebra by M. Chmielewska. Reported in New Books (Nowe Książki),
No. 7, April 1, 1956.

CHMIELEWSKA, Z.; NAREBSKI, J.; HURYNOWICZ, J.

Effect of Schisandra chinensis on EEG in exhausted neurotics with depressive manifestations; preliminary communication. II. Neur. &c. polska 7 no.1:41-51 Jan-Feb 57.

1. Zaklad Neurofizjologii i Fizjologii Porownawczej U. M. K. w Toruniu Kierownik: prof. dr. J. Hurynowicz.

(NEUROSES, therapy,

Schisandra chinensis, eff. on EEG (Pol))

(PLANTS,

Schisandra chinensis, ther. of neuroses, eff. on EEG (Pol))

(ELECTROENCEPHALOGRAPHY, in various diseases,

neuroses, eff. of Schisandra chinensis ther. (Pol))

BOGDANOWICZ, Irena; GRMIELEWSKA, Zofia

Contribution to the problem of pure word deafness. Neurologia etc.
polska 11 no.2:281-283 Mr-Apr '61.

1. Z Kliniki Choroż Nerwowych A.M.G. Kierownik: prof. dr Z Majewska
i z Wojewódzkiej Przychodni Zdrowia Psychicznego w Toruniu Dyrektor:
dr med. H. Mastalercz-Wilkans.

(DEAFNESS case reports)

CHMIELEWSKA, Zofia; RIEF, Teresa

Description of a case of gelolepsy. Neurologia etc. polska 11
no.5:725-726 '61.

1. Z Kliniki Chorob Psychiczych A.M. w Gdansk Kierownik Kliniki:
prof. dr T.Bilikiewicz.
(EPILEPSY) (LAUGHTER)

3/081/63/000/002/057/088
B171/B102

AUTHORS: Ptaszyński, Leszek, Gniłka, Jerzy, Chmielewska, Zofia
TITLE: Preparation of cyclohexyl bromide
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 405, abstract
2N47 (Polish patent 44699, July 20, 1961)

TEXT: 400 ml of water are stirred and 700 g of NaBr are added to it. At 30°C, 700 g of concentrated H₂SO₄ are poured in, and, finally, 550 g of cyclohexanol are admixed. The mixture is heated during 30 min at 70-80°C, cooled to 40°C, then 1200 g of concentrated H₂SO₄ are added drop by drop, and the heating is resumed during ~2 hrs at 70-80°C. After cooling to 30-40°C, the mixture is poured into water; oil is separated, washed with water and dried with Na₂SO₄. A pure cyclohexyl bromide is separated by distillation. Its yield is 85-95%, its boiling point: 52-53°C/13 mm, 61-63°C/20 mm, 71-73°C/32 mm. The advantages of the method are: the possibility of use of a technically pure NaBr, instead of 48%-HBr; the short duration of the reaction, and the ease with which the

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Preparation of cyclohexyl ...

S/081/63/000/002/057/088
B171/B102

process can be carried out on an industrial scale. [Abstracter's note:
Complete translation.]

Card 2/2

CHMIELEWSKA-SZCZYKOWA, D.; TULCZYNSKA, H.; RUDLIKA, W.

Certain considerations on constrictive pericarditis. *Pediat. polska* 35 no.2:199-204 P '60.

1. Z Kliniki Terapii Chorob Dzieci A.M. w Warszawie. Kierownik: prof.dr.med. H. Brokman. Z Kliniki Diagnostyki Chorob Dzieci A.M. w Warszawie. Kierownik: prof.dr.med. Z. Lejmbach. Z Kliniki Chirurgii Dziecięcej A.M. w Warszawie. Kierownik: prof.dr.med. J. Kossakowski i z Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich. Kierownik: prof.dr.med. W. Hartwig.
(PERICARDITIS in inf.& child.)

GRUENER, Maria; CHMIELEWSKA-ZIELINSKA, Bogumila; GRUSZCZYNSKI, Tadeusz

Unpasteurized frozen egg substance. Roczn panstw zakl hig
14 no.2:193-198 '63

1. Division of Hygiene of Feeding and Food, Voivodeship
Sanitary and Epidemiological Station, Kielce.

CHMIELEWSKI, Andrzej, mgr inz.

Fishing with electric current. Wiad elektrotechn 30
no.9:310-311 S '62.

1. Katedra Elektryfikacji Rolnictwa, Politechnika, Poznan.

CHMIELEWSKI, Andrzej, mgr inż.

Electric fishing equipment. Wiad elektrotech 30 no.10:341-344
0 '62.

1. Katedra Elektryfikacji Rolnictwa, Politechnika, Poznan.

CHMIELEWSKI, BRONISLAW

Poland/Chemical Technology - Chemical Products and Their Application. Dyeing and Chemical Treatment of Textiles, I-16

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62886

Author: Majzner, Jozef; Jedrusiak, Zenon; Chmielewski, Bronislaw

Institution: None

Title: Direct Printing with Sulfur Dyes Using Ethylene Chlorohydrin

Original

Periodical: Druk bezposredni barwnikami siarkowymi przy uzyciu chlorhydriny etylenu, Przem. wlokienniczny, 1955, 9, No 1, 18-19; Polish

Abstract: Description of a method of printing fabrics with sulfur dyes using ethylene chlorohydrin as a compound that combines with S^{2-} ions (to form thiodiethylene glycol) thereby preventing corrosion of the copper printing rolls.

Card 1/1

CHATELLEWSKI, H.

"Polish Technical Vocabulary." p. 189 (HUTNIK, Vol. 20, No. 6, June 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10,
October 1953. Unclassified.

CHMIELEWSKI, H.

"Colors as an effective means of increasing efficiency and safety at work." p. 89
(Mechanik, Vol 25 No 2 Feb 53 Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

CHMIELEWSKI, H.

"Publishing Plan of State Technical Publications for 1954, P. 174, (PRZEGLAD
TECHNICZNY, Vol. 75, No. 5, May 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

CHMIELEWSKI, H.

"Logarytmiczny suwak rachunkowy" (Logarithmic slide rule), by H. Chmielewski.
Reported in New Books (Nowe Książki), No. 11, June 1, 1956.

CHMIELEWSKI, H.

CHMIELEWSKI, H. A few remarks about technical books. p. 125.

Vol. 77, no. 5, May 1956

PRZEGLAD TECHNICZNY

PHILOSOPHY & RELIGION

Warszawa, Poland

SO: East European Accession, Vol. 6, No. 3, March 1957

CHMIELEWSKI, H.

The 30th anniversary of the periodical Mechanik. p.284.
(Strojirenska Vyroba, Vol. 5, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

CHMIELEWSKI, H.

3d Czechoslovak Industrial Exhibition in Brno.

P. 457. (MECHANIK) (Warszawa, Poland) Vol. 30, no. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

CHMIELEWSKI, J.; KORA, T.; BAYER, R.

A 12-channel amplitude analyzer with a calculating attachment, . 27.

NUKLEONIKA. (Polska Akademia Nauk. Komitet to Spraw Pokojowego Wykorzystania
Energii Jadrowej) Warszawa, Vol. 4, no. 1, 1958.
POLAND

Monthly List of European Accession (EEA) IC, Vol. 8, no. 7, July 1959.

Uncl.

their conductivity and decreased their mass loss and the thickness of the

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308930002-6

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APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308930002-6"

CHMIELEWSKI, H.

"The young technician." - Reviewed by H. Chmielewski. Mechanik-3/
no.8:427 '61

CHMIELEWSKI, H.

The Soviet machine-tool industry. . Mechanik 34 no.10:505 '61.

CHMIELEWSKI, Heliodor, mgr inż.

Eighth European Machine Tool Exhibition in Milan. Przegl techn
84 no.52:6 29 D'63.

CHMIELEWSKI, Heliodor, mgr inż.

Achievements of technological literature in 1963. Przegl techn 85 no.18:
1,3 1-3 My '64.

CHMIELEWSKI, Heliodor, mgr inż.

Ergonomy, anthropotechniques, or human engineering. Przegl techn
86 no.19:1,5 9 My '65.

JUNGOWSKA, Anna; CHMIELEWSKI, Jan

~~XXXXXXXXXXXXXXXXXXXX~~
Case of sinus pericranii. Polski przeegl. radiol. 20 no.1:
1-6 Jan-Feb 56.

1. Z Zak. Radiologii A M w Gdansk; Direktor prof dr. W.
Grabowski z Oddzialu Neurochir. przy III Klinice Chirur.
A M w Gdansk. Direktor prof dr. Z. Kieturakis. Kier. Oddzialu:
dr. med. J. Chmielewski Gdansk-Wrsesccz--Zakl. Radiologii A.
M. G.

(HEAD, diseases,

sinus perieranii. (Pol))

(VEINS, CRANIAL SINUSES, diseases,

sinus pericranii. (Pol))

CHMIELEWSKI, JAN

JUNGOWSKA, Anna; CHMIELEWSKI, Jan; CYNOWSKI, Lucjan

Case of sclerosing form of osteogenic sarcoma of the spine. Polski Przegl. radiol. 21 no.2:91-96 Mar-Apr 57.

1. Z Zakładu Radiologii A. M. w Odansku Dyrektor: prof. Dr W Grabowski.

2 Oddziału Neurochirurgii A. M. G. Kierownik: dr med. J. Chmielewski.

3 Zakładu Anatomii Patologicznej A. M. G. Dyrektor: prof dr W. Czernocki.

(SARCOMA, OSTEOGENIC, case reports

spine, sclerosing form (Pol))

(SPINE, neoplasms

osteogenic sarcoma, sclerosing form (Pol))

CHMIELEWSKI, Jan

Effect of epsilon-aminocaproic acid on fibrinolysis of euglobulins activated by endogenous activators of plasminogen. Pol. tyg. lek. 20 no.27:990-991 5 J1 '65.

1. Z II Kliniki Chorob Wewnętrznych AM w Białymstoku (Kierownik: prof. dr. Jakub Chlebowski).

CHMIELEWSKI, Janusz

Ovary following partial degeneration in cyst and cystic degeneration.
Gin. polska 27 no.3:291-302 May-June 56.

1. Z Oddzialu Ginekologiczno-Polozniczego Szpitala nr 8 w
Warszawie, Solec 93. Ordynator (dr. med. Wacław Jastrzebski)
Warszawa, Poznanska 3 m. 22.

(OVARIES, cysts,

cysts & cystic degen., surg. (Pol))

(CYSTS,

ovaries, cysts & cystic degen., surg. (Pol))

CHMIELEWSKI, J.

- 9
- Warsaw, Prace Geodezyjne, Vol 33, No 10, Oct 61
1. "On Some Problems of Geodetic Installations in the USSR," Mgr
Ima Emil Kozielecki; pp 355-356.
 2. "Principal Geodesy in the Very Near Future," Mgr Imo Bronislaw
Lipinski; pp 357-358.
 3. "Research by the Astronauts with the Aid of Hausbrandt's
Symbols," Imo Jerzy Chmielewski; (USSR); pp 359-361.
 4. "New All-in-one Equipment of the Stodolkin's type," Dr Imo
Waclaw Oradzi; pp 361-362.
 5. "Notes on Labor Productivity in Measurements of the Deformation
of Heavy Structures," Imo Peter Kurcik (Czechoslovakia), Cam-
bridge in Science (hardy-at rank), Bratislava; pp 363-370.
 6. "Optical Methods of Mine Orientation, Part I," Dr Imo Stanislaw
Sipietkowski, Mining Surveyor (formerly Cornet); pp 370-376.
 7. "Aids in Defining the Correction to Acceleration of the Force of
Gravity in View of the Attraction of the Sun and Moon," Mgr Imo
Edward Bilski; pp 377-378.
 8. "A Printing Chronograph," Mgr Ireneusz Dominicki; pp 382-383.
 9. "From Drawings on the Sand to Topography," Mgr Imo Julian
Dobrowski; pp 384-388.

CHMIELEWSKI, Jan, mgr

Molybdenite roasting and MoO_3 refining. Rudy i metale 6
no.9:411-413 S '61.

CHMIELEWSKI, Jan, mgr inz.; MATHEISEL, Zbigniew, dr inz.

Magnetic steel sheets hot rolled and finished by cold rolling
for electric rotating machines. Przegl elektrotechn 40 no.5:
224-226 My '64.

1. Department of Electric Material, Electrical Engineering
Institute, Wroclaw.

CHMIELEWSKI, Janusz

Power calculation of sheet metal levellers. Problemny proj hut
maszyn 12 no.3:84-86 Mr'64

1. Biprohut, Gliwice.

CHMIELEWSKI, Jan

Suitability of dynamic examinations of the cerebrospinal
fluid for early diagnosis of spinal canal tumors. Pol.
przeł. chir. 37 no. 12:1209-1215 D ' 65

1. Z III Kliniki Chirurgicznej AM w Gdansk (Kierownik: prof.
dr. Z. Kieturakis).

28(1)

POL/46-4-1-8/15

AUTHOR:

Bayer, Ryzard, Chmielewski, Jerzy and Koba, Teresa

TITLE:

A 14 Channel Pulse Amplitude Analyzer with Counting Attachment (14-kanalowy analizator amplitudy z przystawka liczaca)

PERIODICAL:

Nukleonika, 1959, Vol 4, Nr 1, pp 87-91 (Poland)

ABSTRACT:

A description of the equipment with a block-diagram (Fig. 1) of the analyzer and the counting attachment is given. Furthermore the equipment is illustrated with and without the case. The range of application is outlined in brief. Analyzer - 14 channels; width of channel gate - 2,5,10 V; impulse amplitude - 16-171 V; width of impulse - 1-5 micr.; separation time - 2.5-5 micro-sec.; stability of discriminator - $\pm$ 50 mV; working conditions - 220 V, 900 VA; size - 570 x 360 x 2300 mm. Specification of counting attachment: scaling factor total count storage 999999; resolving time - numerator about 0.1 sec; size - 560 x 340 x 840 mm. There are 1 layout and 2 photographs. ✓

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A 14 Channel Pulse Amplitude Analyzer with Counting Attachment POL/46-4-1-8/15

ASSOCIATION: Politechnika Warszawa zaklad konstrukcji telekomunikacyjnych i radiofonii (Polytechnical Institute Warszawa Department of Construction, Telecommunications, and Radiophony)



Card 2/2

CHMIELEWSKI, Jerzy

Single-channel amplitude analyzer. Nukleonika 7 no.10:657-660 '62.

1. Instytut Badan Jadrowych, Zaklad Jadrowej Elektroniki, Polska
Akademia Nauk, Warszawa.

CHMIELEWSKI, Jerzy, inż. (ZSSR)

Jubilee of Professor A.F. Lyutts. Przegl geod 35 no. 6:260
Je '63.

L 06098-67

ACC NR: AP6026291

(A,N)

SOURCE CODE: PO/0069/66/000/007/0605/0608

AUTHOR: Chmielewski, Konrad (Lt. Col.; Doctor of medical sciences);
Jesionowski, Mieczyslaw (Lt. Col.; Doctor of stomatologic medicine)

ORG: Faculty of Stomatology, 2 CSK WAM (Katedra Stomatologii 2 CSK WAM);
Department of Stomatological Prosthesis, 2 CSK WAM (Zaklad Protetyki
Stomatologicznej 2 CSK WAM)

TITLE: On the feasibility of using quick forming prosthesis from rapidly
polymerizing methyl metacrylate under field conditions

SOURCE: Lekarz wojskowy, no. 7, 1966, 605-608

TOPIC TAGS: dentistry, dental equipment, methylmethacrylate, polymerization rate,
synthetic material

ABSTRACT: The authors discuss the use of rapidly polymerizing prosthesis from methyl
metacrylate. The use of these protheses in dentistry and, in particular, in dental
surgery during extraction of teeth is discussed. Its simplicity in terms of rapid
polymerization makes the use of these materials feasible for taking mouth impressions
for formation of partial or total bridges, without the use of complicated and ex-
pensive instruments. As an example of the efficiency of these protheses the authors
cite 300 cases in which only 2 cases required further intervention in the process of

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healing tooth extraction cavities. The properties of the polymer and its anti-bacterial activity, as well as the absence of swelling due to the polymer and its effect on the mechanism of blood coagulation are discussed. It is concluded that the application of rapidly forming prostheses should be treated as a problem of the near future in stomatological stations, both in peace and in war.

SUB CODE: 06,11/ SUBM DATE: 09Mar65

Card 2/2 LC

POL. M

535.235 : 537.311.33 : 546.817.23 1472
Response Time of Photoconductivity of Lead
Selenide. — L. Sosnowski & M. Chmielewski. (Bull.
Acad. Polon. Sci. Class. 3, 1953, Vol. 1, Nos. 3/4, pp.
119-121. In English.) An oscillographic method for
investigating response times of less than $1 \mu s$ is described.
An exponential timebase is used and the specimen is
illuminated in synchronism by light pulses at repetition
rates up to 50 000/sec. The response times of three
different PbSe cells were 0.25, 0.35 and $0.9 \mu s$ within
 $\pm 0.1 \mu s$, their respective resistances and sensitivities
being 23, 51, and 100 k Ω , and 12, 15, and 40 arbitrary
units.

BB qv

CHMIELEWSKI, M.

SOSNOWSKI L. and CHMIELEWSKI, M.

"Relaxation Period in Photoconductivity of Lead Selenide" (Electricity, Photoconductivity) Byull. Polskoy Akad. Nauk. Otd. III, No 3-4, 1953, pp 115-117

Abs

W-31146, 1 Feb 55

CHMIELEWSKI, MILOSZ

POLAND/Electronics - Photocells and Semiconductor Devices

H-8

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 13657

Author : Chmielewski Milosz

Inst : Not Given

Title : Survey of Modern Progress in the Field of Electronics of Transistors

Orig Pub : Zesz. probl. nauki polsk, 1957, No 8, 177-211

Abstract : Bibliography, 54 titles.

Card : 1/1

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25137

P/034/61/000/009/004/004
D247/D3029.4330

AUTHORS: Chmielewski, Miłosz and Stano, Alicia, Masters of Engineering

TITLE: Tunnel diode

PERIODICAL: Pomiary, Automatyka, Kontrola, no. 9, 1961, 385-390

TEXT: The authors introduce the tunnel diode to Polish readers. In the first part of the paper they give a theoretical explanation of the diode compiled from extensive Western literature. They then state that they developed a laboratory method for obtaining contaminated germanium and produced tunnel diodes. The method of doping was by controlled diffusion of phosphor vapor. The furnace is shown in Fig. 10. Furnace 3 keeps the germanium just above melting point. Furnace 4 controls vaporizing of phosphor during several hours at 350° and pressure 1 at. Both crucibles are sealed in quartz and evacuated. The reason for choosing phosphor for doping is its solubility in germanium. The crystals using the material obtained by the above method were drawn by the Czochralski method.

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P/034/61/000/009/004/004
D247/D302

Tunnel diode

According to this method the resistance is about $2 \times 10^{-4} \Omega$ cm. The crystal is cut into thin slices, polished and etched in CP-4 solution. The slices are cut into small fragments of area about 2 mm^2 and $80 \pm 100 \mu$ thick. They are placed in graphite medium together with indium-gallium beads (0.8%). The diameter of the beads about 130μ . Then the diode is brought quickly to 550°C and rapidly cooled in hydrogen. The nickel base is soldered to germanium again in hydrogen at 350°C . A silver wire 80μ thick is soldered to the bead. After masking with lacquer the junctions are etched by current impulsers in a 5% solution of KOH. Capacitance for large diodes is of the order 70 - 100 pF; for small diodes 20 - 45 pF. The static characteristic of tunnel diode was taken using an oscilloscope as illustrated. In conclusion it is mentioned that tunnel diodes are used as fast switching devices, amplifiers and oscillators. There are 21 figures and 23 references: 1 Soviet-bloc and 22 non-Soviet-bloc. The references to the 4 most recent English-language publications read as follows: W.H. Ko, Designing tunnel diode oscillations, Electronics v. 34, no. 6, 1961; K. Trambulavo, C.A. Barrus, Esaki diode oscillators from 3 - 40 kHz Proc. IRE, v 48,

Card 2/3

Tunnel diode

25137 P/034/61/000/009/004/004
D247/D302

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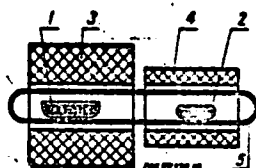


Fig. 10

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CHMIELEWSKI, Milosz

POLAND

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Department of Electronics of the Polish Academy of Sci-
ences (Zaklad Elektroniki PAN /Polskiej Akademii Nauk/)

Wroclaw, Przeglad elektroniki, No 9, September 65, pp
481-98.

"Paramagnetic Masers".

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chir. 37 no.10:972-974 C '65.

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dr. S. Chmielewski).

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Wszelchswiat no.3:73-75 Mr '65.

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Polski tygod. lek. 10 no. 45:1468-1470 7 Nov 55.

1. Z Oddziału Wewnętrznego A. Szpitala Miejskiego w Tomaszowie.
Mazowieckim; ordynator: dr. med. T. Chmielewski. Tomaszów
Mazowiecki, Szpital Miejski w oddz. wewn.
(AGRANULOCYTOSIS, etiology and pathogenesis,
chloramphenicol, fatal)
(CHLORAMPHENICOL, injurious effects,
agranulocytosis, fatal)

POLAND/Human and Animal Physiology - (Normal and Pathological). T-4
Blood. Blood Diseases.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50752

Author : Chmielcwski, Tomasz; Lemanczyk, Anna; Rybak-Byczynska,
Mirosława

Inst : - Z ODDZIAŁU WNEWNETRZNEJ SŁUCHA MIĘSZAKOW W TOMASZOWIE MAZOWIECKIM.

Title : A Case of Splenic Pancytopenia.

Orig Pub : Polsk. tygod. lekar., 1957, 12, No 31, 1205-1207.

Abstract : No abstract.

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- 43 -

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ordynator: dr med. T. Chmielewski, dyrektor dr L. Jaskiewicz).
(CHICKENPOX, compl.) (NECROSIS, etiol.)
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